

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/706,738  
Source: IFWO  
Date Processed by STIC: 10/22/04

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 10/22/2004

PATENT APPLICATION: US/10/706,738

TIME: 12:36:12

Input Set : A:\TSR-10002.ST25.txt

Output Set: N:\CRF4\10222004\J706738.raw

```

3 <110> APPLICANT: Hilfinger, John
4      Roessler, Blake
5      Kish, Phillip
7 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS OF GENE DELIVERY AGENTS FOR
SYSTEMIC AND
8      LOCAL THERAPY
10 <130> FILE REFERENCE: TSR-10002/38
12 <140> CURRENT APPLICATION NUMBER: US 10/706,738
13 <141> CURRENT FILING DATE: 2003-11-12
15 <150> PRIOR APPLICATION NUMBER: US 60/425,379
16 <151> PRIOR FILING DATE: 2002-11-12
18 <160> NUMBER OF SEQ ID NOS: 3
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 12
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Ala Ala Val Leu Leu Pro Val Leu Leu Ala Ala Pro
30 1          5          10
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 17
35 <212> TYPE: RNA
36 <213> ORGANISM: mottle virus
39 <220> FEATURE:
40 <221> NAME/KEY: misc_feature
41 <222> LOCATION: (1)..(3)
42 <223> OTHER INFORMATION: n is a, c, g, or u
44 <220> FEATURE:
45 <221> NAME/KEY: misc_feature
46 <222> LOCATION: (6)..(6)
47 <223> OTHER INFORMATION: n is a, c, g, or u
49 <220> FEATURE:
50 <221> NAME/KEY: misc_feature
51 <222> LOCATION: (10)..(17)
52 <223> OTHER INFORMATION: n is a, c, g, or u
54 <300> PUBLICATION INFORMATION:
55 <301> AUTHORS: DeYoung, MB et al.
56 <302> TITLE: Catalytic properties of hairpin ribozymes derived from chicory
57      yellow mottle virus and arabis mosaic virus satellite RNAs
58 <303> JOURNAL: Biochemistry
59 <304> VOLUME: 34
60 <305> ISSUE: 48
61 <306> PAGES: 15785-15791

```

## RAW SEQUENCE LISTING

DATE: 10/22/2004

PATENT APPLICATION: US/10/706,738

TIME: 12:36:12

Input Set : A:\TSR-10002.ST25.txt

Output Set: N:\CRF4\10222004\J706738.raw

62 &lt;307&gt; DATE: 1995-12-05

64 &lt;400&gt; SEQUENCE: 2

W--&gt; 65 nnnbcngucn nnnnnnnn

17

68 &lt;210&gt; SEQ ID NO: 3

69 &lt;211&gt; LENGTH: 16

70 &lt;212&gt; TYPE: RNA

71 &lt;213&gt; ORGANISM: mottle virus

74 &lt;220&gt; FEATURE:

75 &lt;221&gt; NAME/KEY: misc\_feature

76 &lt;222&gt; LOCATION: (1)..(5)

77 &lt;223&gt; OTHER INFORMATION: n is a, c, g, or u

79 &lt;220&gt; FEATURE:

80 &lt;221&gt; NAME/KEY: misc\_feature

81 &lt;222&gt; LOCATION: (9)..(16)

82 &lt;223&gt; OTHER INFORMATION: n is a, c, g, or u

84 &lt;300&gt; PUBLICATION INFORMATION:

85 &lt;301&gt; AUTHORS: DeYoung, MB et al.

86 <302> TITLE: Catalytic properties of hairpin ribozymes derived from chicory  
87 yellow mottle virus and arabis mosaic virus satellite RNAs

88 &lt;303&gt; JOURNAL: Biochemistry

89 &lt;304&gt; VOLUME: 34

90 &lt;305&gt; ISSUE: 48

91 &lt;306&gt; PAGES: 15785-17591

92 &lt;307&gt; DATE: 1995-12-05

94 &lt;400&gt; SEQUENCE: 3

W--&gt; 95 nnnnnnguann nnnnnnn

16

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/706,738

DATE: 10/22/2004  
TIME: 12:36:13

Input Set : A:\TSR-10002.ST25.txt  
Output Set: N:\CRF4\10222004\J706738.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. ~~1,2,3,6,10,11,12,13,14,15,16,17~~

Seq#:3; N Pos. ~~1,2,3,4,5,9,10,11,12,13,14,15,16~~

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/706,738

DATE: 10/22/2004

TIME: 12:36:13

Input Set : A:\TSR-10002.ST25.txt

Output Set: N:\CRF4\10222004\J706738.raw

L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0